

### Claims

We claim:

1. A computer implemented method for generating web content comprising the acts of:
  - 5 reading a control file;
  - loading a model file;
  - processing the model file;
  - transforming the model file using a widget library; and
  - transforming the transformed model file using a view transformation fileto produce the web content.
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2. The computer implemented method of claim 1 wherein the act of processing the model file includes processing a tag from a tag library, generating a Java class, and producing a model instance.
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3. A computer implemented method for generating web content comprising the acts of:
  - storing data production elements in a first file;
  - storing interactive elements in a second file;
  - 20 storing display elements in a third file; and
  - generating the web content using the first, second, and third files.
4. A computer implemented method for developing web content comprising the acts of:
  - 25 creating a creation file;
  - processing the creation file; and
  - rendering a document based on the processed creation file.
5. The computer implemented method for developing web content of claim 4 wherein the creation file is an XML file.
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6. The computer implemented method for developing web content of claim 5 wherein the act of processing includes applying logic contained a logic sheet of the creation file.

7. The computer implemented method for developing web content of claim 6 wherein the act of rendering includes applying an XSL stylesheet and formatting the document to a specific resource type.

8. A computer implemented method for developing web content comprising the acts of:

- developing a control file;
- developing a model file;
- developing a view file; and
- developing command managers and commands.

9. The computer implemented method of claim 8 wherein the control file includes identification and link transformation information for the model file, the model file includes data and interactivity for the web content, the view file includes style and presentation for the web content.

10. An apparatus for web content generation comprising:

a computer system having communications devices for receiving data from a user and transmitting data to the user;

the computer system having logic mechanisms programmed to generate a plurality of tasks, the tasks comprising actions required to read a control file, load a model file, process the model file, and transform the model file; and

the computer system having additional logic mechanisms programmed to generate web content based on the transformed model file.

11. A computer implemented method for generating web content comprising the acts of:

reading a control file;  
 loading a model file;  
 invoking a command defined in a model file, the command returning  
 serialized data;  
 5        processing the model file to generate model data including the serialized  
 data;  
          transforming the model data using a widget library; and  
          transforming the transformed model data using a view transformation file  
 to produce the web content .

10        12. An apparatus for web content generation comprising:  
          means for receiving data from a user and transmitting data to the user;  
          means, coupled to the means for receiving data from a user and transmitting  
 15        data to the user, for generating a plurality of tasks, the tasks comprising actions  
 required to read a control file, load a model file, process the model file, and  
 transform the model file; and  
          means, coupled to the means for generating a plurality of tasks, for generating  
 20        web content based on the transformed model file.

25        13. In a network having a user node including a browser program or other  
 general-purpose or purpose-built client program, coupled to the network, the user  
 node providing information and requests for information, and providing  
 application related commands on the network, a network node comprising:  
 30        a server node responsive to a request from the user node to process data for  
 generating web content, whereby the server node provides a first mechanism for  
 generating a plurality of tasks required to separate data production elements,  
 interactive elements, and display elements, and a second mechanism for  
 generating the web content based on the separated elements.

a first computer readable program mechanism for receiving data from a user and transmitting data to the user;

a third computer readable code mechanism for generating web content based on the transformed model file.